

Cancer and Ageing Programme

Virtual Event

3 - 4 December 2024



Scientific Programme

Tuesday 3rd December 2024

Listed times are in Central European Time (CET)

13:00 **WELCOME TO DAY ONE**

SESSION 1

Chair: Amaya Viros

13:05 **Marco Demaria**

University of Groningen, Netherlands

"Cellular senescence and other hallmarks of aging in cancer: friends or foes?"

Q&A 13:25-13:35

13:35 **Andrea Alimonti**

Institute of Oncology Research, Switzerland

"Pros & Cons of senescence in cancer therapy"

Q&A 13:55-14:05

14:05 **Cristina Liboni**

Centre pour la Recherche en Biomédecine Strasbourg (CRBS), France

Proffered Paper 1: "Neutrophils promote age-induced metastasis"

Q&A 14:15-14:20

14:20 **REFRESHMENT BREAK**

SESSION 2

Chair: Andrea Alimonti

14:40 **Maria Mittelbrunn**

Madrid CBM, Spain

"Age-Related Changes in T Cells: Considerations for Cancer Therapy"

Q&A 15:00-15:10

15:10 **Simona Fusco**

San Raffaele Telethon Institute for Gene Therapy, Italy

Proffered Paper 2: "Therapy-induced senescent cells upregulate antigen processing and presentation machinery and elicit anti-tumor immunity in Acute Myeloid Leukemia"

Q&A 15:20-15:25

15:25 **Andrés Hidalgo**

Yale University, USA

"Multifaceted neutrophils in cancer"

Q&A 15:45-15:55

15:55 **SPOTLIGHT PRESENTATIONS**

2 five minute Spotlight talks, from high-scoring abstracts submitted to the

meeting.

16:15 **FLASH TALKS - SESSION 1**

A selection of short 3-minute flash talks from selected abstracts submitted to the meeting.

16:30 **END OF DAY 1**

Wednesday 4th December 2024

Listed times are in Central European Time (CET)

14:00 **WELCOME TO DAY TWO**

SESSION 3

Chair: Marco Demaria

14:05 **Thomas Helleday**

Karolinska Institutet, Sweden

"Targeting oxidative DNA repair at the crossroad of cancer and ageing"

Q&A 14:25-14:35

14:35 **Amaya Viros**

CRUK, UK

"Adipocyte age dependent metabolic programming dictates melanoma metastatic burden and tropism"

Q&A 14:55-15:05

15:05 **Frances Turrell**

University of Manchester, UK

Proffered Paper 3: "Age-associated microenvironmental changes highlight the role of PDGF-C in ER+ breast cancer metastatic relapse"

Q&A 15:15-15:20

15:20 **FLASH TALKS - SESSION 2**

A selection of short 3-minute flash talks from selected abstracts submitted to the meeting.

15:35 **REFRESHMENT BREAK**

SESSION 4

Chair: Andres Hidalgo

15:55 **Manuel Colucci**

Institute of Oncology Research (IOR), Switzerland

Proffered Paper 4: "Retinoic acid receptor activation reprograms senescence response and enhances anti-tumor activity of natural killer cells"

Q&A 16:05-16:10

16:10 **Ashani Weeraratna**

Johns Hopkins Bloomberg School of Public Health, USA

"Age Against The Machine: The Impact of Aging on Tumor Progression."

Q&A 16:30-16:40

16:40 **Sheila Stewart**

Washington University School of Medicine, USA

"Age-related changes drive breast tumorigenesis"

Q&A 17:00-17:10

17:10

CONFERENCE SUMMARY

Our Scientific Programme Committee members, Andrea Alimonti, Marco Demaria, Amaya Viros and Andres Hidalgo will join together to deliver their thoughts and a summary of the meeting.